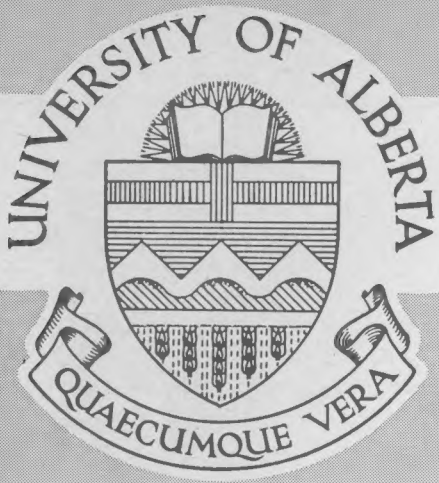


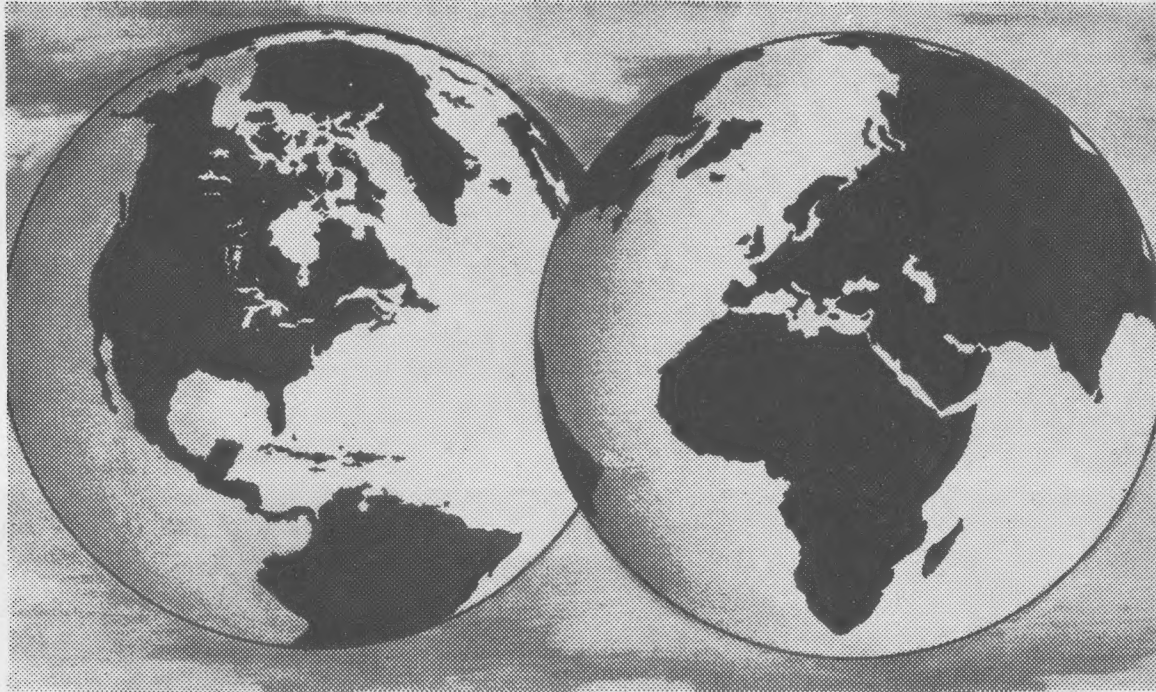


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"PEEP SHOW"

See Page 29



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Highway Engineering School

for Post Graduate Training

A program of post-graduate instruction in highway engineering will be inaugurated at the University of Alberta this year. First of its kind in Canada, the course will be under the direction of the Civil Engineering department of the University.

One of the main objectives of the new program is to provide expanded facilities for advanced instruction for young engineering graduates in preparation for any one of many positions in highway engineering.

Research efforts concerned with problems of highway construction and maintenance, as well as related fields of traffic and safety on highways will be greatly expanded.

The research aspect of the new program will be in co-operation with the Research Council of Alberta. Work will be done under the direction of university staff, using university facilities. The graduate student thesis projects will be closely integrated with current research programs.

Another major objective of the course is dissemination of topical information among the technical personnel of organizations concerned with highway transportation. It is expected to publish bulletins and papers, and hold schools or conferences organized on an extension course basis.

The educational, research and extension programs were carefully combined into an integrated program after study of similar projects at various schools in the United States and in Europe.

The degree course in Civil Engineering at all Canadian universities is considered to provide a suitable engineering background for a graduate wishing to enter the highway construction field. Post-graduate courses providing a more specialized background in highway transportation have been available at the University of Alberta for the past twelve years, but they have not been closely integrated with the needs of the industry.

The new program involves an expansion and extension of existing post-graduate courses. Soil mechanics and foundation engineering courses, the fundamental bases of modern road design and construction, will be continued. Instruction will cover the design and control of construction of asphalt and concrete pavements, and highway planning and traffic engineering. Elective courses with subjects such as highway bridge design and river engineering will be available.

Two scholarships valued at \$2,000 each have been made available through the Canadian Good Roads Association.

Research projects concerned with highway problems will be greatly expanded. Problems resulting from soil and climatic conditions peculiar to Western Canada and the Far

North will be given attention. These include compaction of soils, prevention of frost heaving of soils by chemical treatments, effect of cycles of freezing and thawing on strength of soils, treatments to improve the stability characteristics of base course gravels of types having exceptionally high affinity for water, and stabilizing factors of slides of a particular nature which occur widely along river valleys in Northern Alberta, Northeastern British Columbia and parts of the Yukon.

Highway transportation plays a significant part in Canada's economy. Total expenditures connected with automotive transportation exceed one and one-half billion dollars annually. One person of every seven, directly or indirectly, draw their livelihood from it. Expenditure for highway construction and maintenance programs in the western provinces during the next fiscal year is estimated at \$150,000,000.

It is hoped the course will provide solutions to various problems resulting in substantial savings in construction and maintenance costs.

The school will operate under the direction of Dean R. M. Hardy, Dean of the Faculty of Engineering at the University of Alberta.



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Lethbridge and Camrose to have Junior Colleges

Two junior colleges, offering first year University of Alberta courses, will in all likelihood be operating in the Province by the fall of 1958.

The City of Lethbridge has set its sights on establishing a college by the fall of this year and the City of Camrose is looking towards college classes opening in the fall of 1958. The proposed junior college in Camrose would be, in effect, an extension to the Camrose Lutheran College established in 1911 by Norwegian Lutheran settlers of central Alberta. It will be located on a picturesque 23-acre site in the south-west section of the city where the Lutheran College now stands.

An analysis of the number of students in the elementary and secondary schools of Alberta reveals that the University of Alberta may anticipate an increase in enrollment by 1965 to a figure almost double that of last year. The Board of Governors of the University, according to Dr. W. H. Johns, vice-president of the University, believes that this problem can be solved in part by a policy of decentralization which would involve affiliation with junior colleges in various cities of the Province.

The new policy of decentralization has been adopted by the University because the U. of A. will need to expand its work in graduate studies in professional schools such as medicine, pharmacy, dentistry, law, and engineering. Some of the liberal arts college work will have to be given in other centres if the University is to serve the Province best and keep the central University from becoming too large.

Admission requirements to the junior colleges will be the same as to the University—senior matriculation in six academic subjects with the addition of trigonometry if students are going in for engineering or

physical science and an average of 60 per cent in the total number of subjects.

The staff of the colleges will comprise at least six teachers giving a major part of their time to junior college work. The staff qualifications will be a master's degree in at least one of the subjects they are teaching.

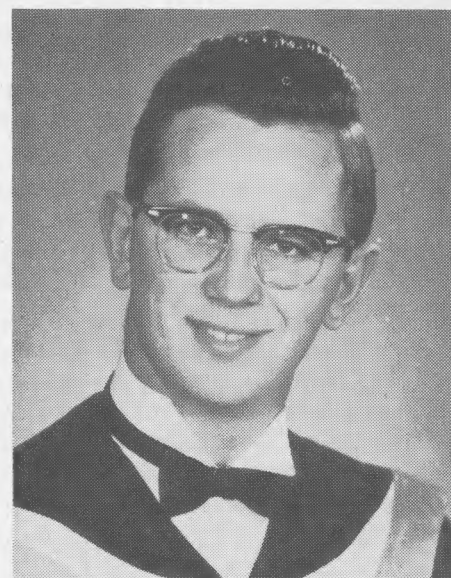
Students attending the Camrose Junior College will be able to enroll in a bachelor of arts program from a minimum of about nine subjects. The subjects will be made up of english, history, economics, a foreign language, psychology or philosophy, mathematics, physics, chemistry, and zoology. The students will take the same courses and write the same examinations at the same time as the students at the University. The papers will be marked by a committee of the University staff on which Camrose instructors would be represented.

It is estimated that for a student living in Camrose or the Camrose School Division, the cost of attending the college would be close to \$400 a year. This is based on a tuition fee of approximately \$225, books at a cost of about \$45, and the balance for incidental expenses. For a student living outside the Camrose district, the cost would be approximately \$400 more—the difference being allowed in room and board for eight months.

"The junior college", points out Dr. Johns, "will contribute substantially to the life of the community, providing young people in the community with an opportunity of beginning their university study while remaining at home. It will raise the cultural standard of the community and bring Camrose and Lethbridge a group of the ablest and most promising young men and women in the country."

Classification Of U. Of A. Students According To Religious Denomination 1955-56

Anglican	538
Baptist	170
Christian Science	10
Church of Christ	1
Church of Nazarine	15
Greek Catholic	89
Greek Orthodox	231
Hebrew	87
Latter Day Saint (Mormon)	108
Lutheran	275
Methodist	6
Presbyterian	161
Protestant (church not specified)	55
Roman Catholic	724
Seventh Day Adventist	10
Ukrainian Orthodox	38
United	1,816
Others	206
Not specified	139
	4,679



Rhodes Scholar

Claus Wirsig, graduate student in history, has been named Alberta Rhodes Scholar for 1956.

The scholarship entitles the recipient to two years at Oxford University at £600 per year and may be extended to a third year.

Candidates are selected and chosen on the basis of scholastic attainment, qualities of manliness and leadership, fondness for sports, and extra-curricular activities.

Excerpts From . . .

The 37th Annual Convention of the American Association of Junior Colleges

BY PROF. F. D. BLACKLEY
Assistant to Dean—Arts and Sciences

"The convention, naturally, was made up of 'junior college enthusiasts' and some of what was said no doubt must be discounted. However, it is clear that a very important group of men and institutions are firmly convinced that the junior college in the U.S. will bear the brunt of increasing enrollments for education after the high school level. To them, without any doubts at all, the junior college is the great institution of the future.

"This is in line with the often expressed dictum that every individual should have the opportunity to continue, beyond high school, education that is appropriate both to his needs and his capabilities. This the junior college tries to supply . . .

"There appeared to be a desire that junior colleges be called, in most instances, community colleges. For a college to survive it MUST adapt itself to the needs of its own area and will, in the final analysis, stand or fall by its terminal courses. What those courses must be will depend upon the nature of the community in which the college is to be found. Those courses alone justify the high district tax rate that is associated with many colleges. The terminal student usually stays in his original community and thus helps to raise the community level of education. The university student is much more apt to leave the community.

"Parallel courses may well be the initial attraction of a junior college, especially in the first two or three years. They help to give the college some sort of a reputation. Once that reputation is achieved, the college will draw half, or even more, of its students into terminal courses.

"The students that take parallel courses at a junior college, according to Dr. W. Wood, academic vice-president of the University of Nevada, and one-time federal expert on junior colleges, normally are students who would have gone to university otherwise. When such a student has completed one or two years he usually manages to finish at a university. The junior college does not take away freshmen and sophomores from a university; it adds to the university population.

Dr. Wood went on to note that a newly-founded junior college will, if it has a parent university, need a good deal of help from that university. This should come particularly in the field of night adult non-credit courses . . .

"The minimum criterion for a junior college seems to be that the area surrounding it to a thirty-mile radius must have a high growth pattern or potential and should be able to provide immediately not less than 200 full-time students. By some it was felt that one in seven might be found in extreme instances to be more true. Usually a survey is needed to determine the real possibilities of an area. For three hundred students you need at least an ordinary budget of \$90,000. It was also felt that for every student you must have 110 square feet of space, with more for technical students. From this can be determined the capital outlay necessary . . .

(Continued on Page 8)

Canadian Universities Club In New York Plans Two Functions

The Canadian Universities Club in New York is comprised of a group of Canadian graduates from all universities who are attempting to establish an effective organization in that city. We understand that they will be sponsoring two regular affairs each year.

The first, a cocktail party, was held in the Reception Hall, Carnegie Endowment for International Peace Plaza. As their second function this year, the executive is planning a large formal dinner in November. The Honourable Mr. Lester Pearson has agreed to be guest speaker and the presidents of all Canadian universities, who will be in the east on other business at that time, will be invited to attend.

Byrne Named Inspection Head

Dr. Timothy C. Byrne '32, Inspector of High Schools since 1949, will become Chief Superintendent of Schools for the Province when W. E. Frame '22 retires from the post next fall, the Department of Education announced recently.

Dr. Byrne received his doctor of education degree from the University of Colorado, served as teacher and principal in a number of Alberta communities and was a teacher in Calgary when he joined the Department as a School Superintendent in 1942. Later he served at Taber before becoming an Inspector in 1949.

Dr. Byrne has taken part in various departmental curriculum and examination boards and committees, and is a past president of the Alberta Teachers' Association. He also was on the committee which organized in 1956 the first summer short course in school administration for school principals.

Mr. Frame was named Chief Superintendent in 1946 after service in the Department of Education in many capacities. He has been a member of the University Senate and was recently honoured by the Teachers' Association which made him an honorary life member and named a scholarship in his honour.

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Stanolind Fellowship Awarded '54 Graduate

The Stanolind Fellowship for 1956-57 has been awarded to William Douglas Ritchie, '54, of Endiang, Alberta.

Mr. Ritchie graduated from the University of Alberta in honours geology in May, 1954, and has since been working as a geologist with the British American Oil Company. He has had seven years of practical experience as a surveyor, roughneck and field geologist. The Stanolind graduate fellowship in geology is for \$1,200, plus fees, and will enable Mr. Ritchie to complete research leading to an M.Sc. degree in geology.

Mr. Ritchie's graduate thesis will consist of a detailed study of the Knee Hills tuff, a volcanic ash bed which fell over the Alberta plains at the close of the Cretaceous period about sixty million years ago. Fall-out from a volcanic explosion somewhere in the Rocky Mountain cordillera provided a uniform and continuous marker-bed on the plains, which is an interesting and useful geological horizon.

The Stanolind Oil and Gas Company is a major producer in the Pembina oil field. Their graduate fellowship, offered for the first time this year, is one of three granted by major oil companies for graduate study in geology at the University of Alberta. In addition, oil companies offer three undergraduate scholarships.

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The President's Desk

As I write this we are approaching the end of the academic year. Students will soon be writing examinations; and instructors engaged in the task of marking papers. These activities will be followed by Council Meetings, and Convocation on May 17th.

With the doubling of the Federal grant-in-aid and an increase in the grant from the Province, operating revenues for 1957-58 are considerably higher than in 1956-57. Pro-

vision has been made by the Province for further substantial expenditures on new buildings.

The increase in operating revenues has made possible an upward revision of academic salaries, and additions to the staff required to keep up with enlarging enrolments. Much of the correspondence at the present time has to do with new appointments. New positions are advertised. Selection Committees review applications. Recommend-

ations are made through the President to the Board of Governors. One feels that these activities involve the decisions which lie nearest to the heart of the University and mean most to its welfare and strength.

The competition is keen in most fields. In many cases, particularly more junior appointments, we can get an acceptance without too much difficulty and can pass on the recommendation with assurance that we are adding someone of real promise. Occasionally, it is necessary in the interests of the Department involved to open an appointment at a more senior level. In such cases we are likely to encounter greater difficulty. Top salaries at the University of Alberta often do not appear attractive to men with established professional reputation and experience; and the institutions with which they are presently employed are likely to meet, or to better, any offer they may receive.

Among scientists, one of the most important considerations is the availability of modern facilities and equipment for research and for programs of graduate studies. In this nuclear-electronic-age, all Canadian Universities are confronted with the problems of modernizing their facilities. In the Agriculture and Engineering buildings recently completed, and in the Biological Science wing to be completed in 1958, the University of Alberta has been able to provide the kind of facilities required. The basic science departments of Physics and Chemistry are handicapped by obsolete facilities. However, a new building to accommodate these departments is in planning this year; and removal of certain departments from the Medical Building will permit alterations there to meet the needs of the Departments in the Health Sciences. The contemplated improvements will materially assist in attracting to the University of Alberta the quality of staff we require.

JUNIOR COLLEGES

(Continued from Page 6)

"There were a number of surveys, all incomplete, to see how the junior college student does when he goes on to a university. On the whole they seemed to be as well prepared as the student who went only to a university, when the two types met in third year university. According to Peter J. Masiko, Executive Dean of Chicago City Junior Colleges, their two-year transfers to Harvard have done exceptionally well. If there was a weakness, it was in mathematics. The University of Chicago itself is so pleased with the junior colleges in the city that it now gives thirty scholarships to junior college students which admit them to third year at that university without a test of any sort . . ."

"The junior college does not seek to attract people whose primary interest is research. It wants instructors who have the desire to teach and to inspire others to go on to university well-prepared, or to go out into life with a good post-high school education in some more or less technical field. It wishes to specialize in what is termed "personalized teaching" as opposed to mass-production methods that are too common in the junior university years. It admits that it perhaps cannot attract the absolute top people, as can the universities, who ought to be the people who teach the junior years. However, the junior college feels that these are not the people who do teach the junior years at universities in the United States. More often than not such instructors are the young ones who are no better, if as good, as the junior college instructors. Moreover, at a junior college it is still the wish to have small classes with more individual attention. A student who might fail his freshman year at a university may well pass at a junior college as a result of this individual attention and perform very well when he does go to university. Many colleges like to feel that they have saved a lot of students by their teaching methods. Unfortunately, as will be seen elsewhere, the colleges may be engulfed by high enrollments and this aspect, which they now stress, will suffer very much . . ."

"On the subject of research by the instructional staff of junior colleges, the meeting felt that the junior college was a teaching, not a research institution. Research would not be discouraged, but the colleges were more interested in having staffs that kept up with the latest developments in their subjects and were good teachers. The average junior college library was not designed for research but usually there were facilities through either university or state libraries for the staff member to borrow books for his personal use . . ."



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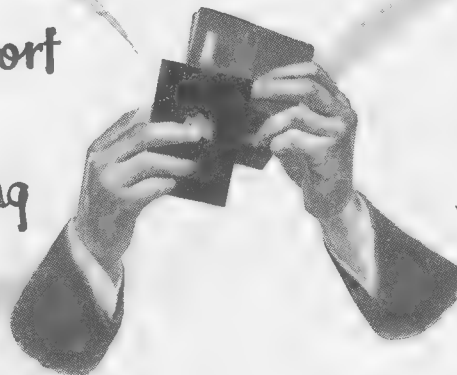


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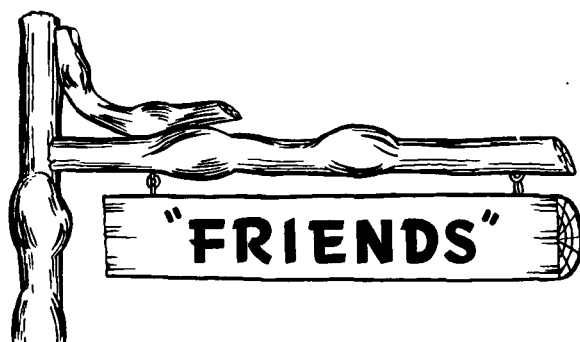


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The progress and accomplishments of the Friends of the University were reviewed recently at a dinner meeting held in Athabasca Hall.

Mr. Malcolm Macleod, Chairman of the Board of Governors, was guest speaker on this occasion and a summary of the Friends' activities was delivered by Mayor William Hawrelak, a member of the Friends' committee.

Last year the Friends placed 12 bursaries with the University to a value of \$1,300.00 to be awarded to matriculating students and undergraduates. The bursaries are award-

ed on the basis of academic proficiency and financial need.

The Friends made another important contribution to the welfare of the University in the purchase of the herbarium of Dr. A. C. McCalla. Dr. McCalla's collection of plants, which includes approximately 16,000 mounted sheets and photographs, has been painstakingly collected, prepared, identified, and labelled over a period of 60 years. The Friends placed the herbarium with the University and it will be invaluable in the field of research and post graduate work.

This year, for the first time, the Friends undertook the establishment of an annual series of lectures by distinguished scholars in the fields of science, philosophy, theology, government and human relations. The series is named in honour of Henry Marshall Tory, the founder and first president of the University of Alberta. The first lecture was given by the Honourable Lewis W. Douglas last October.

The membership of the Friends of the University now stands in excess of 300.

University Staff 1955-56

The University of Alberta had a total staff in 1955-56 of 812 members. Broken down, there were 36 administrative officers, 243 full-time teachers, 532 part-time teachers, 6 with the department of extension, 18 on the library staff, 2 with the industrial laboratories, 6 with the provincial laboratory of public health, and 4 other staff members giving a total of 847, less duplications—812.

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Professor Shares Editorship "Birds Of Banks Island"

Dr. E. O. Hohn, Associate Professor of Physiology, Faculty of Medicine, University of Alberta, is author, along with T. H. Manning and A. H. Macpherson, of a recent bulletin entitled "The Birds of Banks Island", biological Series No. 48, issued under the authority of the Minister of Northern Affairs and National Resources, Ottawa. The Bulletin is concerned principally with observations on the birds of Banks Island made in 1952 by Mr. Manning and Mr. Macpherson while engaged in reconnaissance work for the Defence Research Board, and by Dr. Hohn who visited the Island expressly in 1955 to investigate the bird life there.

U. Of A. Graduate Supervises Unique Copper Mine In Ireland

H. D. Forman, B.Sc. '37, has probably the most to do with the most talked-about highway in Ireland. It is a 4,000-foot stretch of Canadian-owned blacktop that burrows into a hillside near Avoca, a hamlet 40 miles south of Dublin.

The highway is, in fact, the main shaft of St. Patrick's Copper Mines, Ltd., a wholly-owned subsidiary of Mogul Mining Corporation of Toronto of which Mr. Forman is the managing director.

The £2,500,000 development is a choice topic of conversation at Avoca for it incorporates the latest Canadian mining techniques, many of them radical departures from conventional European methods. The main feature of the mine is the highway, a huge tunnel carved into the side of a hill first worked for copper in 1790. The tunnel descends a gentle slope to a depth of 400 feet. Eventually, the lowest mine level will be 1,100 feet below the surface and some 900 feet below sea level. The tunnel is big enough to take the powerful rubber-tired dump trucks that will pull ore to the surface in 35-ton loads.

According to Mr. Forman, the mine is the first to use the highway technique in the vertical plane.

(Continued on page 13)

Graduates Scientist Aids Federal Narcotic's Officers

Canadian narcotics officers excel at tracing the origin of illicit opium, and the knowledge is going to be passed on to other countries, says Dr. Charles G. Farmilo '43, head of the Dominion Government's food and drug laboratory.

Addressing the 39th annual conference of the Chemical Institute of Canada held recently, Dr. Farmilo stated that usually the size, shape, covering, colour and other physical properties are sufficient to tell investigators where it comes from. But in cases where it isn't, Canadian scientists have tests which produce virtually perfect results.

U. of Alaska Tackles Odd Problems

Measuring the Northern Lights is just one of a crop of odd problems being tackled by the most northerly university in the world.

Others include such strange assignments as discovering the temperature of a hibernating polar bear, picking up radio waves from outer space, helping evolve a literature for the hitherto unscripted Eskimo language, and producing crops suitable for Arctic farms.

Alaska University, at College, near Fairbanks, is only 120 miles below the Arctic Circle. However, reflecting the rapid population growth in America's "roof of the world" territory, it started its last term with a record enrollment of 600.

Distribution Of U. Of A. Students According to Birthplace of Father 1955-56

A. British Empire-Commonwealth

(a) Canada

Alberta:	
Edmonton	96
Calgary	52
Lethbridge	13
Medicine Hat	10
Red Deer	10
Vegreville	9
Wetaskiwin	18
Camrose	8
Cardston	15
Grande Prairie	1
On or North of Twp. 38	212
South of Twp. 38	118
Not specified	81
	643

Canada—not otherwise specified	103
Newfoundland	4
Nova Scotia	88
Prince Edward Island	31
New Brunswick	44
Quebec	110
Ontario	547
Manitoba	182
Saskatchewan	136
British Columbia	41
Yukon and N.W.T.	1

— 1930

(b) Other Parts of the British

Empire-Commonwealth	
British Isles (including	
Eire)	766
Dominions (S. Africa,	
New Zealand, Australia	3
All other British colonies,	
dependencies and mem-	
bers of the Common-	
wealth (including India,	
Pakistan, Ceylon, Rho-	
desia, Kenya, Guiana,	
etc.)	10
	779

B. Countries Outside British

Empire-Commonwealth	
United States of America	539
Poland and Czechoslovakia ..	221
Russia and Ukraine	382
Balkan States (Yugoslavia,	
Roumania, Bulgaria, Al-	
bania, Greece, Turkey)	61
Scandinavian States (Sweden,	
Norway, Denmark, Ice-	
land, Finland)	159
Germany, Austria(including	
Austria-Hungary)	228
France	11
Hungary	37
China and Japan	62
Holland	41
Others	111

	1852
Information not specified	118

TOTAL	4,679
-------------	-------

Flashback!

By Nellie McClung '49

The year was 1932.

Hitler was rising, the Lindbergh child was kidnapped, and the "mad trapper" of the north was in the news.

There were also "great events" on the University campus. Their news was recalled by alumni of class '32, back for the Annual Alumni Ball at the Macdonald Hotel, March 1, and honoured on the 25th anniversary of their graduation.

Some campus memories of 1932:

A Mr. Maloney, with Ku-Klux-Klan sentiments, arrived in Edmonton and spoke at a public meeting. He was upbraided by **The Gateway**. Mr. Maloney challenged the editor to a public meeting.

A northern trapper, wounded by a mounted policeman near Aklavik, murdered another the following month and was chased across the Barren Lands. A city newspaper wrote the episode with vivid prose. **The Gateway**, always an authority, attacked the newspaper for "sensational journalism". "None can justifiably accuse the Gateway staff", says the old year book "of having descended to the lowest depths of sordid sensationalism in order to attract their readers."

"Joan of Arc" was the spring play, snake dances were abolished, fraternities were flourishing, and the compulsory \$5.00 athletic ticket was the heated question of the day. The Varsity rink "The Students Ice Palace" opened in November with a moccasin dance and a pair of moccasins was the prize for the student who thought of the most august name of the coffee bar.

Soccer won the Dragoon Cup. The men's senior basketball team won the city championship. The women's basketball team won the Cecil Race Trophy for the eight out of nine years it had been in existence. The Golden Bears lost to Saskatchewan.

The hockey team, after a glorious season the year before had a difficult year. The yearbook write-up begins: "Perhaps the most admirable attribute of the ideal athlete or athletic team is the ability to take a beating and still retain psychological equilibrium . . . The boys were soundly trounced on several occasions".

The women had a hockey team, too, which is reported to have been fine, "but they never had anybody to play against."

At the Tuck Shop, complete with gramophone, the late Mr. Sam McCoppen, proprietor, gave credit food cheques to the students, financed them for holidays, and helped several through university. This was the depth of the depression when "25 cents a week was spending money".

Jobs were scarce and one student spent the summer after graduation wearing his rubbers to keep his shoes intact. A crisis developed when Mr. McCoppen had to raise the price of a doughnut and a cup of coffee, formerly five cents each to 15 cents for both.

The Samuel J. McCoppen Bursaries, \$1,500 left in trust, is provided for first and second year students unable to finance their way through university.

The late Dr. Robert C. Wallace was president, M. E. Manning was president of the Students' Union; Kay Craig, now Mrs. E. M. Stewart of Vermilion, valedictorian; author Edward McCourt, now with the Department of English, University of Manitoba, Rhodes Scholar; G. N. Iles, L. L. Alexander, and Dean of Law Wilbur Bowker, were editors of the Gateway.

On May 13, 276 students in the class of '32, "the largest class in the history of the University" graduated at McDougall United Church.

—Reprinted from Edmonton Journal



John Chappel, out-going president of the Students' Union, was recently awarded the Joseph Dolson Oliver Mothersill Memorial Scholarship.

John came to the University of Alberta in 1953 and graduated with a B.A. at Spring Convocation, 1955. At that time he was awarded the Henry Marshall Tory Memorial Scholarship to the amount of \$300.00, made available by the General Alumni Association. His father, Reverend Dr. Nelson Chappel '28, is Secretary for Christian Education, World Council of Churches, New York City.

Two Fellowship Winners Named

Fellowships for engineering study and work in the United Kingdom for two years were awarded recently to two University of Alberta students who will graduate from the Faculty of Engineering this spring.

Winners of the Athlone Fellowships for Alberta were Malcolm Collins, studying to be an electrical engineer and Roy Mutter in mining engineering. Mr. Mutter plans to attend Royal Technical College in Glasgow and Mr. Collins has not yet decided on his program. They will leave for the United Kingdom this fall.

The Athlone Fellowship scheme, named after the Earl of Athlone, a former governor-general of Canada, was instituted in 1951 to enable Canadian engineering graduates to undertake post-graduate training in the United Kingdom. The scheme is financed by the British government. A condition is that the fellowship winners return to Canada at the end of their training.



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(Continued from page 11)

Some of the new uranium mines in Canada use the same system on the horizontal plane.

The impact of Canadian techniques on Irish miners was mild by comparison to the effect on their wives of the 12 Canadian-style staff

homes that nestle on a hillside overlooking Avoca. Mr. Forman says that "the housing site is rapidly becoming a tourist attraction with hundreds of Dubliners making the 40-mile trip to look around the stylish homes that feature picture windows and central heating".

Instructor Shortage Worries Universities

Finding teachers for Canada's university population is the most pressing problem facing higher education today, Dr. G. E. Hall, president of the University of Western Ontario said recently in Edmonton.

Dr. Hall explained that a university instructor requires four years at university, three or four years of graduate work, and three or four years to gain experience, before he can be considered fully qualified. Yet against this, student enrollment is increasing at an ever faster rate.

Enrollment last year rose eight per cent over the preceding year, he said, adding that 20 years ago four per cent of Canada's population between the ages of 18 and 20 received university education, whereas today this percentage had jumped to 7.2 per cent — and even as high as 11 per cent in some large metropolitan areas.

Compounding the problem is the direct competition between the universities, industry and government for qualified men. "There are just so many men in physics, chemistry, history and English literature available in Canada," he said, "and the demand simply outstrips the supply."

Furthermore, he said, this competition is increasing, as there is greater recognition by industry of the need for graduate employees.

Mother Goes To Varsity

An Edmonton mother attending the same University as her 19-year-old son left for Ottawa recently to receive a prize in a play-writing competition from the Governor-General.

Mrs. Howard Buckley is in her third year Arts at the University of Alberta, where her son, Peter, is a second year student.

Her play, "Deadline", tied for third prize in the annual Canadian one-act play national competition, sponsored by the Ottawa Little Theatre. Its plot deals with the problem of collecting down payment for a business deal before the deadline, when the investors may lose their deposit.



Alumni Homecoming

1957
1

GRADUATES CELEBRATING THEIR SILVER ANNIVERSARY

Left: Dr. M. E. Geissinger (Med. '32); Mrs. M. E. Geissinger (Arts '32); Dr. W. Meadows (Med. '32); Mrs. C. Bennett (Education '32); C. Bennett (Law '32).



BRING ON THE GRAND M

Left: Dr. and Mrs. H. H. Stephens
special regalia from students at doo

Right: Mrs. N. H. McAfee present
with a bouquet of red roses. Reg
president, Rodney Pike, beam their app



Alumni Homecoming

1957



CLASS OF '32 PROMENADE

Reg Lister with baton—Dr. and Mrs. J. W. Chalmers '32 and Mr. and Mrs. N. C. McLean '32, lead off.



BRING ON THE GRAND MARCH

and Mrs. H. H. Stephens '32, receive their
la from students at door.

s. N. H. McAfee presents Mrs. Reg Lister
quet of red roses. Reg and Association
dney Pike, beam their approval.



New Degree Course Offered in Engineering

A new degree course, Metallurgical Engineering, has been introduced into the curricula of the Department of Mining and Metallurgy at the University of Alberta. This course emphasises physical metallurgy particularly in the third and fourth years.

Courses leading to the degree of Bachelor of Science in Mining and Engineering with options in Metal Mining, Mining Geology and Coal Mining and to the degree of Bachelor of Science in Metallurgical Engineering are presently offered in the department.

Courses leading to the degree of Master of Science in Mining Engineering and in Metallurgical Engineering are also offered.

The Department, housed in the University's North Laboratory, has recently undergone extensive structural alterations. The building now comprises a mineral dressing pilot plant including a specially designed crushing and grinding room, mineral dressing laboratories, fire assaying

and chemical control laboratories, physical metallurgy laboratories (with polishing room, microscope room, X-ray diffraction laboratory and dark rooms), classrooms and offices.

As a result of this expansion it has been possible to introduce a considerable amount of new equipment which is used for teaching and research purposes.

In the ore treatment laboratory the pilot plant section has been designed with sub-levels — introducing a flexibility that easily permits redesign of flowsheets from ore concentration to leaching investigations. A dust-collecting system has been designed into the crushing, grinding and screening room of the pilot plant. Handling of materials and ores has been simplified by the installation of roller conveyors and elevator. The wet-assay laboratory is larger and newly equipped. New furnaces for extractive metallurgy and for fire assaying have been obtained. Besides

the conventional ore dressing equipment, special equipment such as scintillometers, geiger counters, Graton-Vanderwilt polishing machine and mineralogical microscopes are available.

The research project on the concentration of uranium and other ores sponsored by the Atomic Energy Control Board and Eldorado Mining and Refining has led to the acquisition of other equipment including Driessen Cones, viscometers, radiometric scalers, sink-float units and special shaking screens.

In physical metallurgy, the conventional apparatus for microscopic examination of metals has been supplemented by a Reichert Metallograph with attachments for polarised light, phase contrast microscopy and micro-hardness testing.

A research project on titanium metallurgy sponsored by the Defence Research Board of Canada has led to the acquisition of special furnace equipment, high frequency melting unit, mechanical testing equipment and a Philips X-ray Diffractometer with Geiger Spectrometer.

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U. of A. Debaters Capture McGoun Cup

University of Alberta debaters won all points possible in the McGoun Cup competition recently to cop the western debating championship which the University of Manitoba had held for six consecutive years.

Arguing that censorship is a denial of human freedom—the basis of democracy—Alberta debaters Len Leigh, law 2, and Bob Roberts, theology 1, were chosen unanimously on the Alberta campus over Saskatchewan's Norman Rebin, an arts student, and Dan Bereskin, an engineering student, who defended the negative.

In Vancouver, contending that censorship must be kept to retain a high moral standard in a nation, Lou Hyndman, law 1, and John Paterson, arts 3, were unanimously chosen over British Columbia's Desmond Fitzgerald and Jerry Locovin who defended the affirmative.

The Universities of Manitoba and British Columbia each won a debate and lost one, while Saskatchewan

Varsity Colour Night Awards

A traditional and final highlight of the student academic season "Varsity Colour Night" was held recently in the Macdonald Hotel in Edmonton.

Top student awards of the University of Alberta were presented to Bob Kubicek, retiring editor of The Gateway, Pat Shewchuk, awarded the Lorne Calhoun Trophy, Theresa Kehoe, retiring vice-president of the Students' Union, and John Chappel, retiring president of the Students' Union.

Guest speaker was Professor G. R. Davy of the Department of Political Science who suggested that as more and more persons take advantage of higher education it will become more and more in the public eye. Graduates of the Universities, he contended, will have to form a large pressure group in society "to defend, explain and justify" to the other groups in society the demands of Universities.

was defeated both here and in Saskatoon.

Students Total Nearing Record

Increased University enrolments across Canada brought the student population to an estimated 78,000 at the end of December 1956.

The Bureau of Statistics says the estimated enrolment is more than nine per cent above the previous year's estimated total of 71,600 and is approaching the 1947-48 peak of 83,150.

Ontario Superintendent of Schools Visits Faculty of Education

Mr. C. R. MacLeod, Assistant Director of Education and Superintendent of Public Schools in Windsor, Ontario visited the Faculty of Education, University of Alberta recently. In the course of his visit, Mr. MacLeod conferred with members of the Faculty concerning the problems involved in setting up and administering the continuous-promotion-plan now operating in the elementary schools of the Windsor School System.

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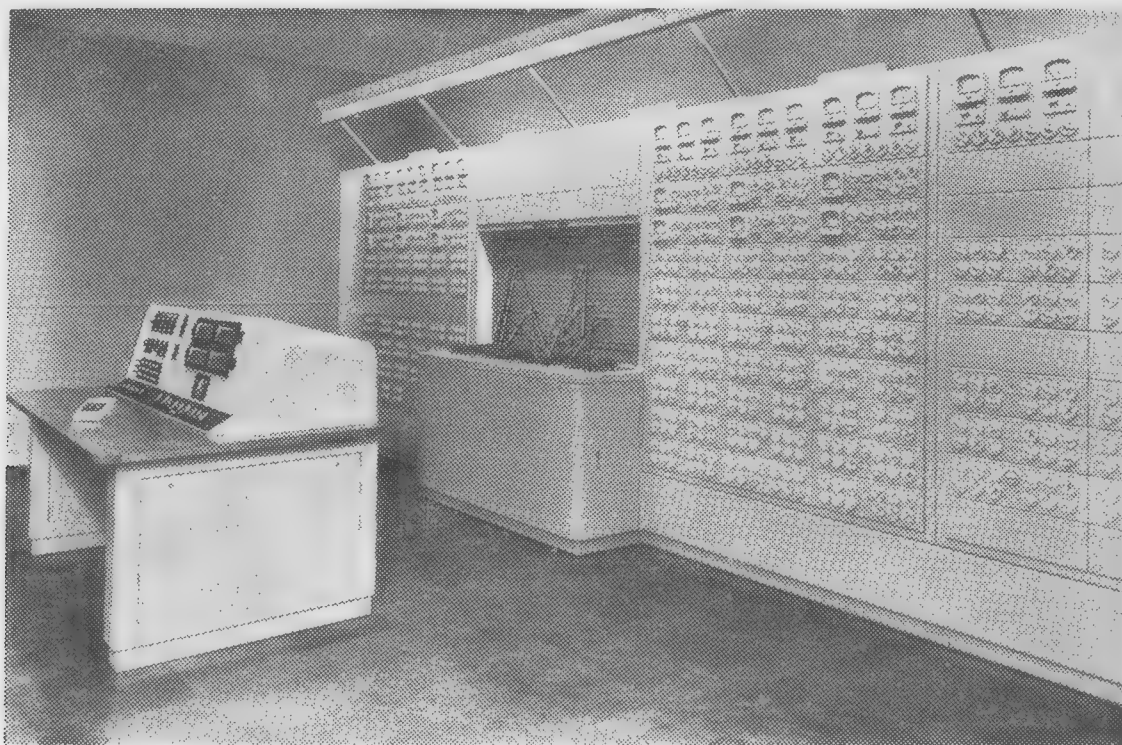
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University Purchases Analogue Computer



THIS is a picture of the type of Electronic Calculating Board, valued at \$100,000., which has been purchased for the Electrical Engineering Department at the University of Alberta, with funds provided by Calgary Power Ltd.

An instrument capable of duplicating, in miniature, power systems and water and gas flows, is being purchased by the University of Alberta.

The \$100,000 electronic calculating board will be delivered in May by a Swiss firm. Funds for the purchase have been donated by the Calgary Power Ltd.

It will be used for solving practical problems of the power industry in Alberta and to assist in the training of electrical engineers in the complexities of modern electric system design.

Professor J. A. Harle of the university's electrical engineering department says the instrument, one of two types of electrical "brains" being produced today, will be placed on the second floor of the University power plant building, headquarters of his department.

He explains there are two classes of electrical computers—the digital and the analogues. The one being purchased by the University is the latter.

An "image" of an electrical supply network is set up on the calculating board and, through the instruments on a connected measuring desk, the instrument tells how the system should be operated, economically and technically.

Only other such "brains" in Canada are owned by the Ontario Hydro-Electric Power Commission and the British Columbia Electric Company.

Basically, it is an electrical model of an electric power system. Voltages, currents and other electrical quantities are scaled down in proportions to that experienced on a power system, so that a relatively few volts and amperes represent

actual electrical conditions.

The calculator will eliminate many hours of tedious computation and, in fact, will give answers to problems which otherwise might be impossible to solve.

For instance, Professor Harle says the brain might be used in solving problems arising from Alberta's network of interconnected power distribution systems, with which Edmonton's city-owned power system is associated.

The image of the system would be fed to the board and the results would show what would happen under a given set of circumstances and how the system should be operated to the best advantage.

It would help decide where it would be most economical to erect new power generating facilities for connection with the province's power network and would decide on the

size needed.

The calculator also could be used, Professor Harle says, for setting up power systems within industrial plants and solving problems related to water and gas flow systems.

Physically, the board will be about seven feet, three inches high, 21 feet long and about 2½ feet deep. Two persons normally will operate it, one feeding the image to the board, the other taking the answers at the measuring desk.

Certain changes will be required on the second floor of the power plant building to accommodate the brain, including the enlarging of a window so the equipment can be hoisted from ground level outside the building.

While an expert from Switzerland will be on hand for the erection of the equipment at the University, personnel of the electrical engineering department will do most of the actual work. It is expected to take about two weeks to set up after it arrives.

Arts Play Wins

The Faculty of Arts production of "Two Gentlemen of Soho" won first prize in the University of Alberta One Act Play Festival held recently at the campus Studio Theatre.

The Arts production captured the Howard Trophy presented by Miss O. Howard. The play won over the Physiotherapy, Nursing and Education department presentations.

Wins Travel Scholarship

Sonja Gotaas of Camrose, a third-year education student at the University of Alberta, has been chosen to attend a European study project sponsored by the National Lutheran Council. Two seminars will be held in Finland and Germany with 10 weeks to study and travel. Miss Gotaas, one of 20 participating in the project, will leave for Europe in mid-June. President of the Pembina House Committee, Miss Gotaas is secretary of the Mixed Chorus, and a member of the Students' Union Building Committee.

Deaths

The first travelling librarian for the University of Alberta, Miss Jessie F. Montgomery '14 died recently at the age of 80 in Edmonton. Miss Montgomery joined the University's Extension Library in 1919 and was librarian there until her retirement in 1944.

Henry Stuart Patterson Sr., Q.C. who began his career as a lawyer by articling to former Prime Minister R. B. Bennett and ultimately came to be president of the Law Society of Alberta, died recently in Calgary.

Mr. Patterson served for several years on the Senate of the University of Alberta.

A graduate with the highest honours in his class, Henry Bradshaw Stelfox '42 of Lacombe, died recently following a car accident. He had been employed for ten years with the Federal Experimental Station at Lacombe as an agronomist. Mrs. Stelfox (née Margaret M. Anderson '44) was also injured in the mishap.

New Students' Council

Campaigning for Students' Council elections was climaxed in March with an invasion of donkeys and snow schmoos as the various candidates made a final bid for election.

The winning presidential candidate, Bob Smith, theology 1, based his campaign theme on the calypso mood.

Voting was by preferential ballot and a total of 2,826 cast their votes out of the 3,876 that were eligible to do so. This represents an increase in student turn-out when compared to last year's figure of 2,495 students voting.

Annual Meeting Of The General Alumni Council

The annual meeting of the General Alumni Council was held in the Students' Union Building on Saturday, April 20, 1957. A full account of the day's business and activities will be carried in the next issue of *The New Trail*.

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Varsity Guest Weekend

The University of Alberta's annual Varsity Guest Weekend was a tremendous success this year. It was estimated that some 6,500 people attended the three-day open house.

As in the past, many interesting displays had been arranged for the viewing public. There were exhibits in the geology museums, the green-houses, the fine arts department, the nurses' residence, the home economics department, and in the chemistry, zoology, physics and engineering departments.

"Careers in Agriculture" was the agricultural department's theme this year. It showed butter-making by automation, soil maps, and cereal research. At the Parkland Farm, visitors saw the new turkey shelter, the new hog barn, models of a ridged

frame building and a pole-frame beef shed.

Among other campus displays were "miniature volcanos", paintings, maps, hour glass shaped salt samples for souvenirs, aerial photographs, and stuffed Alberta animals.

The engineering department displayed a scale model of a proposed 105 Street Bridge for Edmonton, as well as a 50-foot river tray which shows in days how a river will change in years. In that department, too, was an electronic drunkometer, and two "perpetual motion" machines.

The physics department planned a polarization display in which colourless slides appeared to take on any colour at will. There, too, was what the department called "the world's smallest electronic organ", a cookie tin "with a mind of its own", and a checker sorter which separated the colours of a series of red and black checkers. A demonstration of liquid air, a perennial Varsity Guest Week-end favourite, was also shown.

Director of the 50-member V.G.W. Committee this year was Douglas Burns, a former Students' Union president.

Distribution Of U. Of A. Students
According To Age And Sex
1955-56

Age	Male	Female	Total	Age	Male	Female	Total
16	14	10	24	40	15	12	27
17	131	184	315	41	14	7	21
18	347	389	736	42	7	8	15
19	430	308	738	43	10	8	18
20	429	229	658	44	9	6	15
21	335	151	486	45	7	6	13
22	256	82	338	46	8	9	17
23	214	36	250	47	5	11	16
24	148	32	180	48	8	12	20
25	96	17	113	49	4	8	12
26	83	15	98	50		10	10
27	83	15	98	51	3	5	8
28	49	15	64	52	1	7	8
29	49	7	56	53	3	5	8
30	38	6	44	54		1	1
31	20	13	33	55	1	1	2
32	24	13	37	56	2	1	3
33	17	9	26	57		1	1
34	20	12	32	58		1	1
35	21	5	26	59	2		2
36	13	13	26	60			
37	17	8	25	61		1	1
38	19	5	24	62		1	1
39	20	10	30	63		1	1
Not stated					1		1
TOTALS				2973	1706	4679	



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Spring Convocation, 1957

Mr. Robertson Davies, Peterborough, Ontario, and General John Stewart, Lethbridge, will be awarded honorary Doctor of Laws degrees by the University of Alberta at Spring Convocation, May 17. The ceremony will take place for the first time in the Provincial Jubilee Auditorium, Edmonton.

William Robertson Davies was born on August 28th, 1913, at Thamesville, Ontario, the son of Senator William Rupert Davies, editor of the *Whig Standard* of Kingston. He was educated at Upper Canada College, at Queen's University, Kingston, and from 1935 to 1938 at Balliol College, Oxford, where he graduated Bachelor of Letters. He was for a time a member and actor of the celebrated Old Vic Repertory Company in London, and a teacher in the Old Vic Theatre School. In 1939 he published "Shakespeare's Boy Actors."

The following year he returned to Canada as literary editor of "Saturday Night." His appointment as editor and vice-president of the Peterborough Examiner dates from 1942, in which year he issued his "Shakespeare for Young Players". There followed in 1947 his "Diary of Samuel Marchbanks"; in 1949 "Heiress at Breakfast", other plays including "Fortune my Foe", and the "Table Talk of Samuel Marchbanks"; and in 1951, "Tempest Tossed."

For his production of the "Taming of the Shrew" at the Dominion Drama Festival of 1949, he was awarded the Trophee de Merite Louis Jovet; he had produced also "At my Heart's Core" in 1950 and "King Phoenix" in 1951.

In 1952, he became a member of the editorial board of "Saturday Night".

* * * * *

John Smith Stewart, born at Brampton, Ontario, on May 18th, 1877, came to Edmonton in 1896, attended the first Normal School to be established in what is now the Province of Alberta, and taught school at Namao Crossroads. In 1899 he indentured in dentistry in Edmonton. The same year he enlisted with the original Strathcona Horse and served in the South African War; in which he was decorated with the Queen's Medal and four bars. Returning to Canada, he attended the Toronto Dental College, becoming a licensed dental surgeon in 1902 and a Doctor of Dental Surgery in 1903. In 1902, he established his present practice in Lethbridge.

He went in 1907 to the Royal Military College in Kingston, and was gazetted officer commanding the 25th Battery, Canadian Militia. He attained the rank of Major in the following year.

He was elected to the Alberta Legislature in 1911, and remained a member for fourteen years. It was during this period that, upon the outbreak of the first World War in 1914, he was authorized to raise the 20th Battery, Canadian Field Artillery, Canadian Expeditionary Force. In 1915 he was promoted to lieutenant-Colonel and went overseas in command of the 7th Artillery Brigade. He served in France from January 1916 until the end of the war, being appointed to command the 4th Field Brigade in 1917, and in the same year being promoted Brigadier-General as Commander, Royal Artillery, 3rd Canadian Division. He was twice wounded and twice mentioned in dispatches and received the Croix de Guerre. The Distinguished Service Order was awarded him after the Battle of the Somme. In 1918, he was made a Companion of the Order of St. Michael and St. George.

In 1930 he entered Parliament, serving until 1935.

He has served not only his country and his province, but has been prominent also in public life in the City of Lethbridge, where he has been a School Trustee.

Class In Dentistry Raises \$4,000 For Scholarships

The Class of '50 in Dentistry is making a very worthwhile and tangible contribution to the University of Alberta.

In 1950, Dr. Dalton Deedrick of Lacombe launched a scheme to organize a fund to establish a scholarship for worthy dental students attending the University of Alberta, the award money to be solicited from members of the graduating class in dentistry, 1950.

Dr. Deedrick sent a letter to each member of his class asking their opinion concerning the undertaking. The replies were so encouraging that a questionnaire was then dispatched outlining various possibilities for placing the award. A Fund committee was established consisting of Drs. Deedrick, B. M. MacKenzie, and R. C. McLelland. Each member was asked to contribute \$100.00. By the fall of 1956, \$3,000.00 had been collected and by the spring of this year contributions had reached in excess of \$4,000.00. This amount represented contributions from 48 out of 50 members of the class.

The scholarship will be awarded for the first time at Fall Convocation, 1958, and will be known as the Dental Class of 1950 Scholarship Award. It will be placed with a student completing his second year of dentistry and entering the third year at the U. of A. The sum of the scholarship is \$200.00 per annum and will be presented in perpetuity.

To quote a member of the committee, Dr. Bruce MacKenzie, "Let this be a challenge to graduating classes of other years."

Distribution Of U. Of A. Students
According To Sex and Marital Status
1955-56

	Male	Female	Total
Single	2,388	1,550	3,938
Married	583	128	711
Divorced		10	10
Widowed	2	17	19
Not Stated		1	1
	2,973	1,706	4,679

Favour Varsity Term Opening, Ending Later

About 60 per cent of the students queried in a survey at the University of Alberta favour the starting and ending of the varsity term one month later than at present, according to the university undergraduate newspaper, **The Gateway**.

Those favouring the shift in term, according to **The Gateway**, contend that it would allow students to fit more easily into the summer employment picture. The term now begins for most students in late September and ends in late April; the proposed term would begin late in October and run through May.

Using the summer employment argument, the Progressive Conservative government in the recently-held campus model parliament pushed through a bill, by a 20-11 vote, advocating a one-month shift in the term.

"Fall finds the construction industry at its peak, wages are high, overtime is at a maximum, and we are at Varsity", one student is quoted as saying. "Harvesting extends well into October, as does the tourist season. In the spring there is great difficulty in finding work."

Students opposing the change contend that studying for final exams is easier in the cooler weather, that job opportunities actually are better in the early spring, and that the tourist season actually is May 24 to September 15—thus coinciding with the present term.

Zoo Work To Begin Soon, Rowan Tells So-Ed Group

The first sod of Edmonton's new zoo will probably be turned within a few weeks, Professor William Rowan, former head of the Department of Zoology at the University of Alberta and chairman of the zoological group working towards the new Edmonton zoo, said recently.

Professor Rowan pointed out the need for heated buildings to house animals in a zoo in Edmonton where the climate reaches extremely low temperatures during the winter months.



Testimonial Dinner—More than 150 guests, alumni members of the University of Alberta Mixed Chorus gathered at the Corona Hotel recently to honor Prof. Richard Eaton at a surprise testimonial dinner. From left to right, seated, are Prof. Eaton's father, Mr. R. Eaton of Victoria, Mrs. Eaton, the guest of honor, his mother, Mrs. Eaton of Victoria, and his brother, Mr. Victor Eaton, Vancouver. Standing, left to right, are Mr. Ron Stephens, chairman of the evening, and Mrs. Louis Milburn, Victoria, a sister of Mr. Eaton. The gathering of Mr. Eaton's family was also a surprise to the professor.—Photo by Goertz Studios.

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The demand for university graduates far exceeds the output of the university at the present time, said Malcolm Macleod, chairman of the Board of Governors of the University of Alberta, and guest speaker at a banquet for the Friends of the University held recently in Athabasca Hall.

If industries continue to absorb the graduates, he added, the university professor will become increasingly hard to find.

Mr. Macleod spoke on the problems which the university must face, now and in the future, and urged support, through the Friends as well as other organizations. The needs of the institution, Mr. Macleod pointed out, might be categorized under four headings: more students, more buildings, more staff members, and more money.

The student supply, Mr. Macleod noted, is taking care of itself. The enrollment of the university during the term of 1956-57 is 4,500 students.

The enrollment for the 1961-62 term is estimated at 6,500 and for 1965-66 at 8,500 persons.

The university must therefore have buildings and facilities to accommodate this increase. Mr. Macleod suggested that the development of the Calgary branch of the university would help. He said, plans are being made to add to the present Edmonton campus. As examples he cited an addition to the Medical Building, a new Physics and Chemistry Building, a proposed new Physical Education building to replace the temporary structure now in use, and completion of the Administration Building under construction. Mr. Macleod added that it is hoped the buildings in Calgary will be begun in 1958.

To assist those students interested in a university career, scholarships are being offered, Mr. Macleod said. Some of the large industrial companies provide all or a part of these, and also donate money for research work.

The university budget, Mr. Macleod said, is high and continues to grow higher. Student fees pay little of the yearly expense, and while the Federal Government helps

to meet these expenses, half of the cost must still be met by the Province of Alberta.

Dr. and Mrs. Andrew Stewart entertained at a reception at their residence following the unveiling of a portrait of Dr. Allan C. Rankin, retired Dean of Medicine. The portrait, by Marjorie Marshall, was unveiled in the Conn Memorial Reading Room of the Medical Building.

Jean Anouilh is getting to be a popular playwright around Studio Theatre. Hardly had the theatre company's major production of his drama "Point of Departure" closed when the University of Alberta Cercle Français turned up with the comedy "Le Bal des Voleurs" ("Thieves' Carnival" in its English translation) in the original French.

Despite the vast difference in approach between the two plays it is clear that the same Anouilh who wrote "Point of Departure" produced the last play.

He says much the same thing in both plays but uses completely different methods.

"Le Bal des Voleurs" is a rousing and often hilarious mixture of high comedy, farce, fantasy and music and the Cercle Français cast made a very amusing production of it.

Ustinov's "Love of Four Colonels", directed by Frank Bueckert of the University drama division, opened in March at Studio Theatre, gaily, hilariously, and in the face of last minute obstacles.

Although the play is by nature a farcical fantasy, on second thought it represents something more than unadulterated humor.

The cast of the production enjoyed themselves thoroughly on the stage but also managed to leave the audience stirring in their consciousness that they, as well as the colonels, had learned something from the plays within the play. On the whole the performers delicately refrained from indulging in eccentricities that could have overdone and spoiled Ustinov's extremely clever lines.

A special congratulation goes to Gordon

Peacock '50, who stepped into the role of the English colonel during the dress rehearsal stage of the play and made his lines some of the most eagerly awaited during the performance.

The *Antigone* of Sophocles was presented late in March as the final production in the 1956-67 season at Studio Theatre.

The play is the first production designed and acted by members of the University of Alberta drama division class to be open to the general public.

Antigone is the culmination of work by the students on period styles of acting. Gordon Peacock, head of the drama division and teacher of senior acting directed.

Written almost 2,500 years ago, the *Antigone*, a Greek classic, portrayed the universal theme of temporal forces pitted against the power of the gods. A further development of the Oedipus legend, the play deals with the unfortunate King's daughter, *Antigone*. It tells of her tragic attempt to carry out absolution for her slain brother in the face of certain death at the hands of her uncle Creon, ruler of the Thebes.

The University Singers, under the direction of Professor Richard S. Eaton presented their fourth annual Spring Concert in Convocation Hall in March.

The singers were augmented by the students of the music division of the University in performances of a concert version of Gluck's opera "Orpheus and Euridice", and excerpts from Bach's "Mass in B minor".

The solo parts in the opera and mass were sung by Vivian Wilson, Helen Sinclair, Agnes Stieda and Ellen Carey Smith.

The chorus was supported by the University Symphony with the assistance of well-known Edmonton instrumentalists.

The University Singers, a choral group of 85 persons, was formed six years ago by Mr. Eaton, and is composed of graduate students of the University Mixed Chorus, members of the University staff, and friends of the University. Since its formation the singers have studied and performed many choral works, particularly works by 16th Century and contemporary composers. Among these have been Byrds Four Part Mass, Palestrina's *Missa Brevis*, Bliss' Pastoral, Vaughan Williams' *In Windsor Forest* and Kodaly's *Missa Brevis*.

The University Singers and the students of the music division sang at the acoustical test concert of the Edmonton Provincial Auditorium in April, and the singers formed the nucleus of a large representative chorus for the dedication ceremonies of the Auditorium on April 28.

There is a new way of teaching grammar that could lead to far better English in far less time in schools and universities, Dr. M. H. Scargill, Professor of English at the University of Alberta, told members of the Philosophical Society of Alberta recently.

The new method, he said, is utilization of the "descriptivist" analysis of sounds words and sentences. Involved is a study of 13 lesser "patterns", and four major patterns, rather than the traditional study of the eight parts of speech.

Educated in England, Dr. Scargill has been with the University for eight years and is author of a Grade 12 English text. He also is working on a "Canadian language" dictionary. His topic was "Controversial Issues in English Grammar"—descriptivists versus traditionalists.

A welcome announcement from Ottawa recently stated that young Canadian engineers will be able to take advantage of four scholarships, each valued at \$2,000, for post-graduate studies in the highway field.

Two of the scholarships are tenable at the new highway transportation institute to be established this fall at the University of Alberta. Anyone wishing to take further studies in highway planning, traffic, soil mechanics and transportation economics is eligible. According to the Ottawa announcement, closing date for applications is May 1.

To quote from *The Edmonton Journal*, "In practically every field of endeavour, the value of research is becoming clearly recognized, and nowhere is this recognition more essential than in the field of highways. Some of the blame for the appalling traffic toll in North America can be laid to faulty or inadequate construction of roads. The more we know about roads, the safer they can be made.

To cite one example, it has been found that highways disappearing over the horizon as straight as arrows are dangerous and that gentle curves are needed to keep the driver's attention on the road. It is matters such as this, and a multitude of others, which will occupy the young engineers in their search for safer, more efficient, and less costly highways."

Lecturers from the University of Alberta and from industry conducted a course recently on practical metallurgy and duties of corrosion in Edmonton under the auspices of the Edmonton Chapter of the American Society for Metals. Dr. J. G. Parr of the faculty of Mining Engineering was the main speaker.

This year's program was expanded to cover topics ranging from testing of

materials to group discussion on corrosion. It was designed to appeal to welders, machinists, designers, engineers, and administrators.

About 6,500 people visited the University of Alberta during the Sixth Annual Varsity Guest Weekend in March.

Fourteen major events had been planned, as well as displays and tours of the campus and Parkland Farm.

On Friday, March 1, there was a tea and official welcome in the Students' Union Building; "Varsity Varieties" in Convocation Hall; a hockey game at Varsity Rink between the U. of A. Golden Bears and the University of Manitoba Bisons, and the Alumni Homecoming Ball at the Macdonald.

On Saturday, March 2, a joint musical program by the Mixed Chorus and the University Symphony Orchestra in Convocation Hall; two performances of "Varsity Varieties", a sports program in the varsity gym and another hockey game; an education tea; another tea at the Students' Union Building, and a dance at night. Faculty displays were open and campus, farm and hospital tours offered.

Sunday, an interdenominational church service was held, and in the afternoon a musical club concert was planned. Later a fraternity-sponsored tea was held in the Students' Union Building.

Visitors received a copy of the VGW booklet, containing a map of the campus and listing weekend events and displays. They obtained aid and information at strategically-located student-manned information booths. Buses took them to the Education Building, nine blocks south of the main campus, and to the farm on the city's southern limits. A free baby-sitting service was supplied by student nurses at the Students' Union Building.

Now recognized as the major entertainment event of the weekend, "Varsity Varieties", a variety show of student talent ranged from the French can-can and vaudeville through to Elvis Presley and the Ed Sullivan show.

Displays included exhibits in the geology museums, food and fabric exhibitions by the home economics department and teaching aid exhibits by education students.

"Careers in Agriculture" was the theme of an extensive display planned in the Agriculture Building. Visitors saw laboratories, and a film there, and were given a pamphlet outlining the types of work open to agricultural students.

The dairying department illustrated butter-making by automation, while other departments had soil displays, illustrations of oil extraction apparatus, charts showing the relation between a roulette wheel and genetics, and explanations of the geiger counter.



ALUMNI CLASS REPRESENTATIVES' DINNER—1957

Alumni class representatives for 1957 and members of the resident alumni executive shown above are, left to right, standing: Dr. Dave Buchanan, Medicine; Don Potter, Agriculture; Jack McMahon, Commerce; Gordon Deane, Dentistry; Bernie D'Aoust, Education; Alan Cooke, Law; Jerry Whittaker, Petroleum Engineering; Gary Purdy, Mining Engineering; Bill Kay, Chemical Engineering; Dave Wood, Electrical Engineering; Roy Mutter, Senior Class Committee Chairman; Vic Harrison, Pharmacy; left to right, seated: Dr. Jack Chalmers '32; Janis Whitson, Physiotherapy; Rodney Pike '36; Margaret Wozney, Arts and Science; Tevie Miller '49.



'12

Two Edmonton lawyers and a former Dean of the Faculty of Law were honoured recently as senior members of Alberta's legal profession at an annual dinner of the Law Society of Alberta.

Oil portraits of **Dr. L. Y. Cairns**, **Dr. G. H. Steer**, and Professor **M. M. McIntyre** were presented to **Dr. Andrew Stewart**. The portraits are to hang in the Law Faculty's reading room.

Professor MacIntyre, former Dean of the U. of A. Law Faculty, is a lecturer at the University of British Columbia.

Dr. Steer helped found Alberta's Law Faculty in 1921. A leading member of the Edmonton bar, he lectured at the U. of A. for 27 years, starting in 1930.

Dr. Cairns was a lecturer on this campus for more than 20 years.

The U. of A. Law Faculty Alumni Association, only nine months old, decided to pay tribute to the three men who had been so influential in the development of law study in this Province. The appeal for funds to commission artists to do the oil portraits met with such great favour, that it was oversubscribed and a surplus of \$1,000 will be used for prizes or bursaries to Alberta law students.

'21

Students' Union president in 1921 and still hale and hearty, **Archie McGillivray** dropped in to the Alumni Office recently as he was about to depart for his home on the West Coast. Archie graduated in mining engineering and has been engaged in that field of activity ever since. His visit occurred just prior to the Alumni Ball and when we suggested that he should stay over for it, he remarked "Can't make it this year, but I'll definitely be back for it in the Golden Anniversary Year".

Oaths of office were administered recently to two newly-appointed members of the appellate division of the Supreme Court by Honourable **Dr. J. J. Bowlen**, lieutenant-governor.

Mr. Justice J. Boyd McBride and **Mr. Justice Hugh John Macdonald '38**, were formerly members of the Supreme Court trial division.

The two justices were appointed in the changes that followed the death of Chief Justice **G. B. O'Connor**, chief of the appellate division. **Mr. Justice Clinton J. Ford** of Calgary was named to succeed him, and **Mr. Justice McBride** was named to replace Chief Justice Ford.

A former Rhodes Scholar and now editor of the **Montreal Star**, **George V. Ferguson** visited Edmonton recently and addressed a meeting of the Edmonton Chamber of Commerce.

In 1950, **Mr. Ferguson** was a member of the Canadian delegation which attended the Institute of Pacific Relations sessions in Lucknow, India.

'24

G. C. Paterson, Lethbridge barrister, was a speaker at a meeting of the Alberta Philosophical Society recently held on the campus.

"Community Colleges" was his topic. **Mr. Paterson** aided in the formation of the Junior College Committee of Southern Alberta in 1952. He has carried out a survey of some of the college systems in the United States and has written in favour of the establishment of junior colleges in this Province. A member of the Lethbridge School Board for the last 22 years, he is vice-president of the Alberta School Trustees Association and a former member of the Senate of the University of Alberta.

Dr. W. H. Swift, Deputy Minister of Education for Alberta, said during the question period that the Alberta School Act provides that a school board may establish a junior college with the consent of the Board of Governors of the University and of the Minister of Education. He said the junior college may teach first and second year university courses as well as "terminal" high school courses.

'30

The story of **Mary Schaffer**, a "Quaker in Buckskin", who 50 years ago followed on horse-back a trail that became the Banff-Jasper highway, was related recently to the Alberta Historical Society by Edmonton playwright, **Elsie Park Gowan**. **Mrs. Gowan** reminded her audience that the summer of 1957 is the Golden Jubilee of Jasper Park.

'31

Mr. Justice Peter Greschuk was sworn in as a member of the Alberta Supreme Court at a recent ceremony in the Edmonton Court House. Born in Edmonton, **Mr. Justice Greschuk** was admitted to the bar in 1935 and appointed to the district court in 1953.

Professor L. V. P. Johnson, president of the Dickens' Fellowship, is in possession of a valuable edition of **Pickwick Papers** first printed in 400 copies in 1836-37. First copies, which include the first printing and first plate would sell at thousands of dollars, says Professor Johnson who found his **Pickwick**—a first printing but third plate—by chance in a bookshop window in Salisbury. He bought it for two or three pounds. It is moderately valuable, worth £5 to £10.

In addition to his **Pickwick Papers**, **Dr. Johnston** has separate parts of **Little Dorritt**, first editions of **David Copperfield**, **Edwin Drood**, **The Tale of Two Cities** and **Nicholas Nickleby**, a 1728 Bible and Prayer Book, 1633 Homelies (sermons prepared for the old English church) and a 1603 book about Imperial Roman coins in England.

'32

This year, on the occasion of the Alumni Homecoming Ball, the greatest number ever of silver anniversary graduates turned out to pick up their embossed silver trays. Many of the graduates came from a distance and we were particularly pleased to have a visit with **Nicholas J. Strynadka**, who has recently moved to Winnipeg. We understand from **Nicholas** that he is still with the Federal Department of Agriculture and is presently in charge of grading and inspection service for the Provinces of Manitoba and Saskatchewan.

'33



Dr. S. S. Spaner has been elected president of the Alberta Psychiatric Association. During the war, **Dr. Spaner** served as a medical officer with the R.C.A.F. and was at one time instructor in psychiatry at the U. of A.

'36

Frank W. Peers of Toronto, supervisor of talks and public affairs for the C.B.C., has been awarded the Imperial Relations Trust Bursary of 1957, it was announced recently in Ottawa.

The Bursary will enable Mr. Peers to attend a B.B.C. television course and study various aspects of conditions in the United Kingdom.

The Bursary is awarded annually to a Canadian active in broadcasting, and is the result of an anonymous gift in 1937 to Lord Baldwin of Bewdly to endow any object best calculated to strengthen the ties of countries of the Commonwealth.

It was announced recently by Trans-Canada Pipe Lines Limited that **N. John McNeill, Q.C.**, secretary of the Company, has been appointed vice-president and secretary.

For the past four years, Mr. McNeill has been secretary-treasurer and solicitor for the Law Society of Alberta.

Charles E. Des Rosiers, the new warden of Stony Mountain Penitentiary, is a man who has gone to the top of a profession he entered almost accidentally.

Today, at a young-looking 44, Mr. Des Rosiers looks back to the summer of 1935 when he was a second-year arts student at the University of Alberta. On his holidays he took a temporary job at Prince Albert Penitentiary.

It was during the depression, and he was glad to get the job to help pay for his year at varsity. He had not the slightest idea at that time of making a career of working among the inmates of a jail. But during the following year when he was studying for his degree, the idea grew—he felt he had a capacity for helping the young inmates he had seen in his summer job.

'37

When **Ruth Gorman** of Calgary was 17 years old, she was made an Indian princess in the Morley tribe. The honour carried with it the new name of "Mountain White Eagle Girl".

Ruth received the title as a thank-you from the Indians to her father, the late M. B. Peacock of Calgary, who won hunting treaty rights for the Indians. In the years since she became a member of the Morley tribe, Ruth has studied to become a lawyer, been called to the bar, married a lawyer and pretty well retired from active practice.

She has a teen-age daughter of her own, and at last her opportunity has come to repay the Indians' kindness of long ago. In February, Ruth Gorman and her husband, **John '36**, filed an appeal against

the decision to exclude 118 former treaty Indians from the Hobbema band. Ultimately their joint efforts were successful. The treaty Indians will remain on the reserve.

'39

While **Dr. S. G. Davis**, department of chemistry, was in England recently on a year's sabbatical leave, he dropped in to visit with another engineering graduate from the class of '39, **De Lyle Bernard Boese**. Mr. Boese is currently employed with International Petroleum as a purchasing agent and makes his home at The Firs, Grassy Lane, Seven Oaks, Kent, England.

We were very happy to welcome **Hugh C. McCall** to Varsity Guest Weekend. Hugh, principal of Memorial High School, Stony Plain, brought in 50 of his charges to spend an afternoon sight-seeing on the campus.

'41

Charles Heath received a doctor of philosophy degree recently from the University of Minnesota.

'42

It is difficult to understand why a person would come to Western Canada from Mexico City in the dead of winter, but we had such a visitor earlier on. **Joseph U. Heath** who is with the Ray-O-Vac flashlight people in Mexico dropped in to say "hello". When questioned about his extra-curricular activities, we learned that he and his family do a lot of deep sea fishing. The Heath's address: Avenida La Fontaine 225-3, Colonia Polanco, Mexico 5, D.F.



Miss Ruth McClure has been appointed director of the School of Nursing at the University of Alberta.

Miss McClure was educated in Edmonton schools and in 1949 she attended a summer session in Mental Hygiene at the University of California at Berkeley. At the University of Pittsburgh in 1955, she obtained the Master's degree in Public Health.

In 1942 she joined the Foothills Health Unit at High River, Alberta, as staff nurse. Later, she served as Edmonton Staff Nurse with the Clover Bar Health Unit. She went to Toronto in 1944 and was Nurse epidemiologist with the City Health Department. In 1946 she became Secretary of the Toronto Branch of the Health League of Canada.

She returned to Alberta in 1947 as supervisor of nurses for a program of training of Public Health Nurses. In 1950, she was appointed Supervisor of Nurses at the Leduc-Strathcona Health Unit. She is

at present Assistant Professor of Public Health Nursing at the University.

During the summer she will be visiting schools of nursing in various parts of Canada and the United States.

'43

Dr. Charles A. Allard has been appointed chief of surgery for the General Hospital.

Dr. Allard, who won a Robert Tegler Trust Scholarship while attending St. Joseph's High School, was the recipient of an award from the College of Physicians and Surgeons of Alberta during his final year at the University of Alberta.

He spent five years doing post-graduate work in surgery at the Montreal General Hospital and the Lahey Clinic in Boston, prior to joining the staff of the General here in 1948. In 1950, he was awarded the American Board of Surgery degree.

'46

A change of marital status can be recorded for **Dorothy J. Guild**. Now Mrs. Charles F. Easton, she resides at Apartment No. 76, 193 Queen Street, Sarnia, Ontario.

'48

An Edmonton girl is the first woman to become political adviser to the Canadian Truce Commission in Cambodia.

She is **Miss Lois Hill** who was visiting in Edmonton recently.

Cambodia is one of three of Canada's Truce Commissions in Indo-China, including Viet-Nam and Laos. The posting is for nine months to a year, and, as far as Miss Hill knows, there is only one other Canadian woman in Indo-China as political adviser.

Miss Hill, following graduation, worked for a radio station in Calgary and returned to take her M.A. in history. She has been with the Department of External Affairs since July, 1955.

'50

Rev. W. E. Mullen was elected president of the Edmonton branch of the Canadian Mental Health Association at a meeting held recently.

Rev. Mullen heads a 400-member volunteer organization the aim of which is to improve the mental hospital facilities and to advise in the means of prevention of mental illness.

The Association works through committees in visiting mental hospitals, presenting mental health plays, planning lectures and conferences, and lobbying of government offices.

The United Church congregations at Vegreville and Ranfurly recently extended an unanimous call to the **Rev. T. E. Thomas**, who was serving the Athabasca

pastoral charge in the Edmonton Presbytery, to take over the pulpit vacated by Rev. G. B. Mather. The call was accepted.

Evelyn Jean Fitzsimmons has been in Hawaii for the past six year, five of which she has spent managing a bookstore for the Hawaiian Evangelical Mission. Her address is 2103 Nuuanu Avenue, Honolulu, T.H.

'51



One of the best correspondents that the Alumni Office has is **Dr. Bob Hatfield** now making his home and following the medical profession at the Mayo Clinic in Rochester. We had a long and very interesting communication from him recently in which he told us a lot about the Alberta graduates operating in that area. To quote:

"Rochester is quite a gathering spot for Albertans, and I've been meaning to write to you about this. On our arrival here in 1955, **Dr. Wally Mydland '50** and his wife née **Joan Rennie '51** met us and made us feel right at home, as did **Dr. Clark Leavitt '49**, and his wife, Norma. Clark and Wally are here for post-graduate training as might be inferred.

"We frequently visit St. Paul, Minneapolis to appreciate the growth and development of our favorite niece, Barbara-Joan first production of brother **Bruce '48** and wife, née **Kay Welham '53**. They finished their three years at the University of Minnesota this June.

"March, 1955—the Mydlands and ourselves took a weekend off and drove to Topeka, Kansas, there having a glorious reunion with **Dr. Bill Sigurdson '49**, and wife née **Ann Shaw**, **Dr. Jack Fair '54** and Mrs. Fair, née **Phylis Tinney '52**, and Dr. and Mrs. Harry Hardin. We did everything but hatch subversive plans against the U.S. Tongues wagged, gossip flew, and we played "O, Canada" and "God Save the Queen".

"Late September, 1955, the Fairs drove up to Rochester to visit us and Leavitts, Hatfields from St. Paul and **Dr. Gordon Robertson '51** and wife **Rena** (née **Brice '54**) also from Twin Cities, all gathered in our little four-room apartment for a real chin-wag. This time we listened to ye olde Mixed Chorus sing songs of the last 8 years via my personal records. (What a treasure they are!)

"One evening last fall **Dr. George Molnar '49** had an Alberta gathering at his home including Leavitts, Mydlands, our-

selves, **Dr. Vince Murphy '49**, and Mrs. Murphy, and **Dr. Al Hepburn '47** and Mrs. Hepburn. George, as you know, is now on staff here at Mayo Clinic.

"At a picnic last fall, I was wearing my Alberta beanie (badge of honour from Spring Tours) and was suddenly confronted by a man with hand outstretched, "Could that be an Alberta beanie? Long time since I've seen one. My name's Smith. Who are you?" (Yes, I could remember who I was.) Introductions revealed him to be **Dr. Reg Smith '42**, also on the staff of the Clinic.

"The Green and Gold is known here. So much so that several of us have wondered about a small branch of the Alumni Association being formed here. We'll have more about that in the near future.

"Oh, yes, **Dr. Craig Norstrum '55** just arrived last fall to begin a fellowship in neurosurgery."

In a recent ceremony before Mr. Justice Primrose, **Margaret McKane Lyne** was presented by G. M. Peacock, and admitted to the bar.

A 36-year-old city lawyer, **Terence James "Terry" Nugent** has been chosen Progressive Conservative candidate for Edmonton-Strathcona in the next Federal election.

Mr. Nugent, who won the nomination unanimously when another candidate, Joseph Miciak, withdrew from the race for "family reasons", will contest the Edmonton-Strathcona seat against R. F. L. Hanna, Liberal incumbent, Robert Atkins, CCF, and Sydney Thompson, Social Credit.

We had an interesting note recently from Lu. Piening, who says, "We (wife and year-old son and self) are back in sunny, warm Africa. This is home to our son born here last year. We have just experienced Independence here. It was a most gala occasion for everyone. We were very pleased to meet the Canadian delegation on their visit to Kumasi. I was even more pleased to meet Bruce Powe.

Alums from U. of A. certainly get around."

The appointment of **Dr. A. B. Morrison** as a member of the Research staff of Mead Johnson & Company was announced recently. He will work in the nutritional research department. In 1956 Dr. Morrison was awarded a Ph.D. degree by Cornell University where he was a graduate assistant in animal nutrition and biochemistry while working toward his degree. His major research interests are in avian nutrition and biochemistry, with particular reference to proteins, antibiotics and unidentified growth factors. He is the author of several research papers.

'53

W. Alan Bell is on the staff of H. Allen Gray School in Edmonton, and he says in a note sent to us recently "I have not given up my interest in Varsity life since I am registered in Ed. 594 this year. This course is an evening division course and is the first towards my M.Ed. in School Administration".

Darol J. Wigham has been employed by Pan American Petroleum Corporation, formerly Stanolind Oil and Gas Company. Mr. Wigham is an Intermediate Geologist in the Company's Exploration (Geological) Department in the Calgary District.



Mention "ozone" to the man on the street, and thoughts of basking on sunlit shores may be conjured up in his mind, but to **Walter D. Komhyr** ozone is a helpful matter in weather

forecasting.

The Edmonton scientist terms ozone a "tracer for atmospheric motion in the stratosphere and, as such, is important in studies of the general circulation of the atmosphere."

In other words, a knowledge of the movements and thickness of the layers of of ozone some 15 to 20 miles above the earth enables weatherman to forecast weather more accurately.

Mr. Komhyr is with the Department of Transport's Meteorological Division and is undergoing familiarization and training on the Dobson ozone spectrophotometer at the airport. The instrument is used in measuring ozone.

In May he will be transferred to a station at Moosonee, Ontario, one of seven Canadian stations taking part in the International Geophysical Year. The stations range from Moosonee to Alert, 500 miles south of the North Pole, and three of them will be devoted to ozone studies.

Dr. Donald P. Mullen has returned to Edmonton after completing training in orthodontics and receiving his master's degree at Northwestern University, Chicago.



A graduate student of the University of Alberta, **Maurice Bruce Stewart** has been granted a Whitney Graduate Fellowship by the Massachusetts Institute of Technology at Cambridge, Massachusetts for further study at the Institute. This Fellowship is understood to be the most outstanding offered by the Institute.

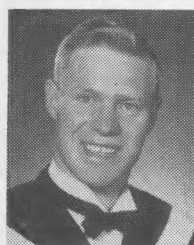
Entering University with a most exceptional matriculation record, Mr. Stewart gained among other distinctions, the California Standard Scholarship, a President's Scholarship, the J. M. McEachran Essay Prize, the Governor-General's Gold Medal and graduate awards made by the National Research Council.

At the Institute, he will be teaching, will take graduate courses and will continue work in geophysics.

'54

Paul Haljan, 38, who was a deputy of the Slovak Legislature, took part in an abortive uprising against German occupation forces during the Second World War, and who had to flee his homeland when the Communists took over, launched a new career recently.

He was admitted to the Alberta bar in a ceremony that took place before Mr. Justice Peter Greschuk in Supreme Court.



Sten S. Berg has been appointed livestock supervisor for the Edmonton Exhibition Association, it was announced recently.

Mr. Berg has been active in 4-H Club work. He fitted, showed and sold a calf each year until he was 20 years of age. In 1946 he and his sister won the provincial beef cattle judging competition and went on to Toronto to take second in dominion competitions.

In addition to his duties as livestock supervisor, Mr. Berg will be in charge of all agricultural entries.

'55

Iris Donaldson's home is now Neilburg, Saskatchewan, where she is enjoying the profession of nursing. In her own words: "The community is very nice and the country prosperous, which lends greatly to the hospital here."

Formerly vice-consul here for the Norwegian Government, **Per Gisvold** has been appointed consul for Alberta, with headquarters in Edmonton, according to an announcement made recently.



The vice-consulate, formerly at Camrose, was transferred to Edmonton in 1951. It now becomes a consulate for Alberta.

Mr. Gisvold was a lawyer in Norway for seven years. Since coming to Alberta, he graduated in law from the University. At present he is engaged on special legal research for the Federal Government on water resources.

Larry Arnold Shelton was admitted to the Alberta Bar recently

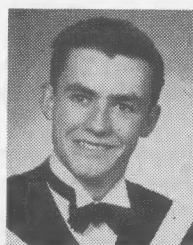
Dr. W. Everard Edmonds, Edmonton author, historian, and former rector of the Church of St. John, has been named a Fellow of the Royal Society of Arts.

The Society was founded in London in 1754 and still occupies the building erected by its founders in 1774. Its aims are the "advancement, development and application of every department of science connected with arts, manufacture and commerce."

Fellows are named to the Society by its council and must have displayed outstanding interest and work in one or more of its fields.

In 1955, Dr. Edmonds received an honorary Doctor of Laws degree from the University of Alberta.

'55



H. W. Wilson has been awarded a Fellowship for graduate study in chemistry leading to a Ph.D. Dr. Wilson was awarded the Fellowship following his graduation from the University of Alberta with an honours degree in chemistry. Since then he has spent one session at the University and has been engaged in research work with the Research Council of Alberta.

'56

Ruth Eleanor Lien, Camrose and **Aileen Marilyn Hartwig** have been awarded scholarships towards library studies by the Department of Economic Affairs on the recom-



mendation of the Alberta Library Board.



Miss Lien is pursuing her studies at the Library School of McGill University, Montreal. Miss Hartwig aspires, after graduating from the Library School at University of Washington, to take up music librarianship. She is the holder of professional diplomas in music from both Toronto and Alberta universities.

Ensign Frederick F. Beck was among 970

new officers of the 29th class of the U.S. Navy's Officer Candidates School which was graduated recently in ceremonies aboard the Naval



Station. Vice Admiral Charles Wellborn, Jr., Commander, Second Fleet, was guest speaker and also presented certificates of completion to the honour graduates.

The course at the Officer Candidate School is a rigorous 18 weeks in which the students, all with college degrees except a few former outstanding fleet personnel, not only become proficient in military drill and ways, but also study navigation, marine engineering, seamanship, naval weapons, military justice and other naval subjects. Having completed this "pressure course", the graduates are well prepared for their duty in the fleet and shore establishment of the Navy, to which they now report.

James E. Munro has been employed by Pan American Petroleum Corporation. Mr. Munro is an intermediate clerk in the Company's producing department in Drayton Valley, Alberta.

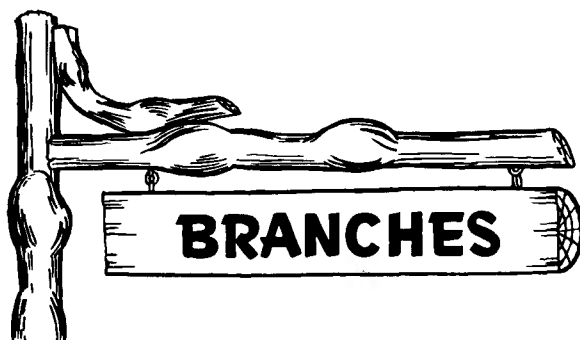
U. Of A. Offers New Fall Rye

Agricultural research at the University has developed another first for the farmer.

According to a recent announcement by Dr. John Unrau, head of the Department of Plant Science, U. of A., limited seed supplies are available of a new variety of fall rye, which it is believed will be well-adapted to central Alberta use.

A licence has been obtained for the variety, named Sangaste, which was introduced from Europe and brought to the University in 1951 by R. R. Berg.

Differing from the commonly grown small-kernel variety, Dakold, the Sangaste variety has a large kernel. It is approximately one week later than Dakold and in four years of testing the new type has consistently out-yielded Dakold. It is hardier in winter than other hard-kerneled unlicensed varieties, Dr. Unrau stated. Sangaste is stronger strawed than Dakold, even though it is taller. It produces an abundance of vegetative growth in fall and early spring, and consequently should be well suited as a pasture crop.



Vancouver

Dr. Walter Johns, vice-president of the University was guest speaker and Mr. Rodney Pike, president of the Alumni Association was a special guest at a March meeting of the Vancouver Branch of the General Alumni Association.

From all reports, this was one of the best functions yet held in the seaboard city. Peggy Simpson, secretary, tells use that there were about 100 out for tea and cocktails at HMCS Discovery, and in her enthusiasm she remarked, "I do feel the event was a real success and we have a recording of suggestions and improvements for an even better affair next year."

Dr. Allan McCurrach '38 was the Vancouver Branch representative at the annual meeting in Edmonton in April.

New Branch executive are; president, Bruce Sangster '40; past president, Dr. Joe O'Donnell '34; treasurer, Miss Marion Aikenhead '36; secretary, Mrs. Peggy Simpson '37; executive, Dr. Allan McCurrach '38, Mrs. Betty Mather '33, Mr. Bill Pryde '41, and R. G. Scott '34.

Victoria

Our last communication from President E. Jorre de St. Jorre, indicated that a large meeting of the Victoria Branch was in the imminent offing. This was to be held at the home of Mr. Robert W. Chard '48 and Mrs. Chard.

We were delighted to learn that Dr. Edouard Sonet, former professor of modern languages at the U. of A. was to be guest speaker. According to President Ed, the doctor was going to speak about his early days at the University and also give some of his impressions garnered from his latest trip to France.

Medicine Hat

This winter the executive of the "Hat" Branch decided on something new by way of experimentation.

They arranged to hold in one of their high school auditoriums an open meeting at which time President Andrew Stewart would speak to the general populace about University matters and the Gordon Commission. The alumni secretary and Miss

Margaret Lang, household economics representative on the resident executive of the G.A.A., were very pleased to be invited down for the occasion.

University of Alberta Society

Something new in the history of the G.A.A. has been constituted in London, England. A University of Alberta Society has been formed and is affiliated with the Canadian Universities Club, which is representative of most of the universities across Canada.

We are very happy to record that the first president of the Society is a notable graduate of the U. of A. in the person of H. H. Lovat Dickson '27.

Rochester, Minnesota

While we can't be too definite at time of going to press, it looks very much as if a new branch of the G.A.A. will be formed soon in the City of Rochester, Minnesota. This would be the first official unit of its kind in the United States and a good deal of the preliminary work is being done by Dr. Bob Hatfield '51, presently engaged

with the Mayo Clinic. Bob found that there were a lot of his compatriots working at Mayo and living in Rochester and judging from the correspondence received lately they have been seeing a good deal of one another socially and otherwise.

"Meds"

June is convention month in Edmonton for members of the medical fraternity.

On the opening Monday evening, June 17, the executive of the Medical Alumni Association of the U. of A., have arranged for a cocktail party and dinner for members, their wives and guests at the Mayfair Golf and Country Club. Tickets will be sold at time of registration and it is anticipated that a good many of the medical graduates will be in attendance.

"UAMC"

In the ten years that it has been operating, the University Mixed Chorus has been without an officially organized and recognized alumni executive.

At the time of a testimonial dinner held for Professor R. S. Eaton in March, it was decided by the planning committee that something should be done about mobilizing the hundreds of Mixed Chorus graduates into a single unit with continuing direction. A slate of officers was submitted and adopted at the time of the anniversary dinner and the destiny of the new Branch will be directed at the outset by President Ron Stephens '50; Secretary Quentin Mix '52; Treasurer Ralph Richardson '53; Committee members Isobel Alcorn '51, Everett McCrimmon '51, George Lange '56, and Bill Egbert '51.

"PEEP SHOW"

Members of the silver anniversary class of 1932 were conspicuous by their numbers at the Fifth Annual Alumni Homecoming Ball in March. A quarter of the class, the largest in the then history of the University, turned out to renew acquaintances and claim an attractive sterling silver commemorative tray. Many of them, at some time in the evening, paid a visit to the "Peep Show" featuring pictorial flashbacks as recorded in the 1932 edition of the "Evergreen and Gold". Judging from the delighted expressions, tinged with surprise, on the faces of Mrs. H. M. Ross (née Margaret Dunbar), Nursing, and William Sereda, Pharmacy, they could have been looking at the women's basketball team or the men's house committee in the early thirties.

A memorable highlight of the evening was a special presentation made to indefatigable Reg Lister, superintendent of residences, who is celebrating his 45th anniversary of service on the campus. President Rodney Pike, on behalf of the G.A.A., made the presentation of an engraved Westminster chimes Clock to Reg and a bouquet of red roses to Mrs. Lister.

To show his appreciation, Reg, with baton and usual aplomb, led the Grand March. Some 75 members of the class of '32 promenaded with him under the huge chandelier of green and gold balloons which contributed to the "Junior Prom" atmosphere.

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